

VASCULAR PLANT CHECKLIST FOR MIRAMICHI MARSH

(includes the old Zellers and Canadian Tire Store Sites to the NW)

The total number of vascular plants previously recorded for this area during a pre-construction vascular plant survey in 2005 was 126. Since then, during Miramichi Naturalists' Club outings or by reports from individuals, 64 additional species have been found, bringing the total to 190 as of July 4, 2022, of which 45 are considered to be introduced species. Most of the plants found in 2007, 2008, and 2009 were found on or near the trails on the tops of the berms. Recent additions were three new orchids that were found at the old Canadian Tire Store in the northwest corner of the marsh in 2018 and 2019 and the Winterberry Holly. The latest two species found in 2022 were Water-shield in the pond north-east of the gazebo and Multiflora Rose.

Most of the new species are what are known as “*pioneer species and they develop quickly in abundant sunlight.*” (Morrison, 1988). Some of the more prominent native pioneer species are Devil's Beggar-ticks, Nodding Beggar-ticks, Tall Blue Lettuce, White Panicle Aster and Horsetweed. Showy alien pioneer species such as Canada Thistle and Red Clover have also been found. The attached list includes all the plants that have been identified to date. There are probably others that will be discovered.

Two to watch for are Woolly Burdock (*Arctium tomentosum*) and Sweet Wormwood (*Artemisia annua*), two Eurasian species that have been introduced to waste areas near Chatham. Other Eurasian species such as Mugwort (*Artemisia vulgaris*), Nodding or Musk Thistle (*Carduus nutans*) Black Knapweed (*Centaurea nigra*), Bull Thistle (*Cirsium vulgare*) and Tansy-Ragwort (*Senecio jacobaea*) may make an appearance as long as some open spots are still available. As we have seen, much of the disturbed area has been rapidly colonized by the species recorded in 2007 and 2008. The plants found to date are included in the following list with an “*” being used after the common name to indicate those which are introduced:

<u>COMMON NAME</u>	<u>YEAR FOUND</u>	<u>SCIENTIFIC NAME</u>
Alder Buckthorn*	2005	<i>Frangula alnus</i> Mill.
Alder, Green	2015	<i>Alnus viridis</i> (Villars) DC. subsp. <i>crispa</i> (Ait.) Turrill
Alder, Speckled	2005	<i>Alnus incana</i> (L.) Moench subsp. <i>rugosa</i> (Du Roi) Clausen
Arrow-leaved Tearthumb	2005	<i>Persicaria sagittata</i> (L.) Gross
Ash, Black	2005	<i>Fraxinus nigra</i> Marsh.
Ash, White	2005	<i>Fraxinus americana</i> L.
Aspen, Trembling	2005	<i>Populus tremuloides</i> Michx.
Aster, Flat-topped White	2005	<i>Aster umbellatus</i> Mill.
Aster, Large-leaved	2005	<i>Aster macrophyllus</i> L.
Aster, Purple-stemmed	2005	<i>Aster puniceus</i> L.
Aster, White Panicle	2008	<i>Aster lanceolatus</i> Willd.
Aster, Whorled Wood	2005	<i>Aster acuminatus</i> Michx.

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Barberry, Japanese*	2009	<i>Berberis thunbergii</i> DC.
Basil, Wild (Dogmint)*	2008	<i>Clinopodium vulgare</i> L.
Beaked Hazel	2005	<i>Corylus cornuta</i> Marsh.
Bedstraw, Rough	2005	<i>Galium asprellum</i> Michx.
Bedstraw, Small	2005	<i>Galium trifidum</i> L. subsp. <i>trifidum</i>
Beech, American	2005	<i>Fagus grandifolia</i> Ehrh.
Beggar-ticks, Devil's	2008	<i>Bidens frondosa</i> L.
Beggar-ticks, Nodding	2008	<i>Bidens cernua</i> L.
Birch, Grey	2005	<i>Betula populifolia</i> Marsh.
Birch, White	2007	<i>Betula papyrifera</i> Marsh.
Blackberry, Common	2005	<i>Rubus allegheniensis</i> Porter
Black-eyed-Susan*	2009	<i>Rudbeckia hirta</i> L. var. <i>pulcherrima</i> Farw.
Black Medick*	2008	<i>Medicago lupulina</i> L.
Bluebead-lily	2005	<i>Clintonia borealis</i> (Ait.) Raf.
Blueberry	2005	<i>Vaccinium</i> sp.
Blue Flag	2005	<i>Iris versicolor</i> L.
Boneset	2005	<i>Eupatorium perfoliatum</i> L.
Bulrush, Barber-pole	2005	<i>Scirpus microcarpus</i> J. & K. Presl
Bulrush, Black-girdle	2005	<i>Scirpus atrocinctus</i> Fern.
Burnweed, American	2008	<i>Erechtites hieraciifolia</i> (L.) Raf. ex DC.
Bush-honeysuckle, Northern	2005	<i>Diervilla lonicera</i> P. Mill.
Buttercup, Bristly	2007	<i>Ranunculus pensylvanicus</i> L.f.
Buttercup, Common or Tall*	2005	<i>Ranunculus acris</i> L.
Buttercup, Creeping*	2005	<i>Ranunculus repens</i> L.
Buttercup, Swamp	2005	<i>Ranunculus hispidus</i> Michx.
Centaury, Branched*	2008	<i>Centaurium pulchellum</i> (Sw.) Druce
Cherry, Choke	2005	<i>Prunus virginiana</i> L.
Cherry, Pin	2005	<i>Prunus pensylvanica</i> L.f.
Chickweed, Marsh	2005	<i>Stellaria alsine</i> Grimm
Cinquefoil, Rough*	2008	<i>Potentilla norvegica</i> L.
Clover, Alsike*	2008	<i>Trifolium hybridum</i> L.
Clover, Low Hop*	2008	<i>Trifolium campestre</i> Schreb.
Clover, Red*	2008	<i>Trifolium pratense</i> L.
Club-moss, Bog	2016	<i>Lycopodiella inundata</i> (L.) Holub
Cranberry, High-bush	2005	<i>Viburnum opulus</i> L. var. <i>americanum</i> Ait.
Coltsfoot*	2009	<i>Tussilago farfara</i> L.
Cudweed, Low*	2008	<i>Gnaphalium uliginosum</i> L.
Dandelion, Common*	2008	<i>Taraxacum officinale</i> Weber subsp. <i>officinale</i>
Dandelion, Fall*	2008	<i>Leontodon autumnalis</i> L.
Dewberry, Swamp	2005	<i>Rubus hispidus</i> L.
Dock, Curled*	2005	<i>Rumex crispus</i> L.
Dock, Great Water	2005	<i>Rumex orbiculatus</i> Gray
Dogwood, Red Osier	2005	<i>Cornus sericea</i> L.

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Dogwood, Round-leaved	2005	<i>Cornus rugosa</i> Lam.
Doorweed*	2009	<i>Polygonum arenastrum</i> Jord. ex Boreau
Duckweed	2005	<i>Lemna minor</i> L.
Elder	2008	<i>Sambucus</i> sp.
Evening Primrose	2008	<i>Oenothera biennis</i> L.
Fern, Bracken	2005	<i>Pteridium aquilinum</i> (L.) Kuhn
Fern, Crested Wood	2005	<i>Dryopteris cristata</i> (L.) Gray
Fern, Interrupted	2005	<i>Osmunda claytoniana</i> L.
Fern, Lady	2005	<i>Athyrium filix-femina</i> (L.) Roth ex Mertens var. <i>angustum</i> (Willd.) Lawson
Fern, Marsh	2005	<i>Thelypteris palustris</i> Schott
Fern, Sensitive	2005	<i>Onoclea sensibilis</i> L.
Fern, Spinulose Wood	2005	<i>Dryopteris carthusiana</i> (Vill.) H.P. Fuchs
Gall-of-the-earth	2005	<i>Prenanthes trifoliolata</i> (Cass.) Fern.
Gill-over-the-ground*	2008	<i>Glechoma hederacea</i> L.
Goat's-beard*	2005	<i>Tragopogon pratensis</i> L.
Goldenrod, Canada	2005	<i>Solidago canadensis</i> L. var. <i>canadensis</i>
Goldenrod, Grass-leaved	2005	<i>Euthamia graminifolia</i> (L.) Nutt. ex Cass.
Goldenrod, Rough-stemmed	2005	<i>Solidago rugosa</i> P. Mill.
Gooseberry, Bristly	2005	<i>Ribes hirtellum</i> Michx.
Grass, Blue-joint	2005	<i>Calamagrostis canadensis</i> (Michx.) P. Beauv.
Grass: Meadow Foxtail*	2005	<i>Alopecurus pratensis</i> L.
Grass, Poverty	2008	<i>Sporobolus vaginiflorus</i> (Torr. ex Gray) Wood
Grass, Rattlesnake	2005	<i>Glyceria canadensis</i> (Michx.) Trin.
Grass, Reed Meadow	2005	<i>Glyceria grandis</i> S. Watson ex A. Gray
Grass, Red Fescue*	2005	<i>Festuca rubra</i> L.
Grass, Small Crab*	2008	<i>Digitaria ischaemum</i> (Schrebner) Muhl.
Grass, Fowl or Swamp Meadow	2005	<i>Poa palustris</i> L.
Grass, Timothy*	2005	<i>Phleum pratense</i> L.
Grass, Twitch	2005	<i>Elytrigia repens</i> (L.) Desv. ex Jackson
Grass, Upland Bent	2005	<i>Agrostis perennans</i> (Walt.) Tuckerm.
Grass, Witch	2008	<i>Panicum capillare</i> L.
Hawk's-beard, Narrow-leaf*	2008	<i>Crepis tectorum</i> L.
Hawkweed, Yellow King-devil*	2005	<i>Hieracium caespitosum</i> Dumort.
Hawthorn, Round-leaved	2005	<i>Crataegus chrysocarpa</i> Ashe
Honeysuckle, Belle*	2005	<i>Lonicera xbella</i> Zabel
Horsetail, Common Field	2005	<i>Equisetum arvense</i> L.
Horsetail, Water	2005	<i>Equisetum fluviatile</i> L.
Horseweed	2008	<i>Conyza canadensis</i> (L.) Cronq
Japanese Knotweed*	2016	<i>Fallopia japonica</i> (M. Houttuyn) L.-P.R. <i>Decraene</i>
Jewel-weed, Spotted	2005	<i>Impatiens capensis</i> Meerb.

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Joe-Pye-weed	2005	<i>Eupatorium maculatum</i> L.
Lamb's Quarters*	2007	<i>Chenopodium album</i> L.
Larch, American	2005	<i>Larix laricina</i> (Du Roi) Koch
Lettuce, Tall Blue	2008	<i>Lactuca biennis</i> (Moench) Fern.
Lily-of-the-valley, Wild or False	2005	<i>Maianthemum canadense</i> Desf.
Linden, Big-leaf*	2005	<i>Tilia platyphyllos</i> Scop.
Loosestrife, Purple*	2009	<i>Lythrum salicaria</i> L.
Maple, Manitoba	2008	<i>Acer negundo</i> L. var. <i>violaceum</i> (Kirchn.) Jaeg.
Maple, Norway*	2005	<i>Acer platanoides</i> L.
Maple, Red	2005	<i>Acer rubrum</i> L.
Meadow-rue, Tall	2005	<i>Thalictrum pubescens</i> Pursh
Meadow-sweet	2005	<i>Spiraea alba</i> Du Roi var. <i>latifolia</i> (Ait.) Dippel
Mint, Canada	2009	<i>Mentha canadensis</i> L.
Mountain Ash, American	2005	<i>Sorbus americana</i> Marsh.
Mountain Ash, Showy	2007	<i>Sorbus decora</i> (Sarg.) Schneid.
Mugwort*	2008	<i>Artemisia vulgaris</i> L.
Nightshade, Bittersweet*	2008	<i>Solanum dulcamara</i> L.
Oak, Northern Red	2005	<i>Quercus rubra</i> L.
Orchid, Club-spur	2019	<i>Platanthera clavellata</i> (Michx.) Luer
Orchid, Hooded Ladies'-tresses	2010	<i>Spiranthes romanzoffiana</i> Cham.
Orchid, Rose Pogonia	2016	<i>Pogonia ophioglossoides</i> (L.) Ker-Gawl.
Orchid, Yellow Ladies'-tresses	2018	<i>Spiranthes ochroleuca</i> (Rydberg) Rydberg
Ox-eye Daisy*	2008	<i>Leucanthemum vulgare</i> Lam.
Pea, Marsh- or Wild-	2005	<i>Lathyrus palustris</i> L.
Pearly Everlasting	2008	<i>Anaphalis margaritacea</i> (L.) Benth. & Hook.f.
Pine, White	2005	<i>Pinus strobus</i> L.
Pineapple-weed*	2008	<i>Matricaria discoidea</i> DC.
Plantain, Common*	2008	<i>Plantago major</i> L.
Pondweed, Blunt-leaf	2005	<i>Potamogeton obtusifolius</i> Mert. & Koch
Poplar, Balsam	2005	<i>Populus balsamifera</i> L.
Pyrola, Shinleaf	2015	<i>Pyrola elliptica</i> Nutt.
Raspberry, Red	2005	<i>Rubus idaeus</i> L. var. <i>strigosus</i> (Michx.) Focke
Raspberry, Swamp Red	2005	<i>Rubus pubescens</i> Raf.
Rose, Multiflora*	2022	<i>Rosa multiflora</i> Thunb. ex Murr.
Rose, Virginia	2005	<i>Rosa virginiana</i> Mill.
Rush, Baltic	2005	<i>Juncus arcticus</i> Willd. var. <i>balticus</i> (Willd.) Trautv.
Rush: Black-grass	2005	<i>Juncus gerardii</i> Loisel.
Rush, Soft	2005	<i>Juncus effusus</i> L.
Sandwort, Grove	2005	<i>Moehringia lateriflora</i> (L.) Fenzl
Sarsaparilla, Wild	2005	<i>Aralia nudicaulis</i> L.
Sedge, Beaked	2005	<i>Carex utriculata</i> Boott

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Sedge, Bebb's	2005	<i>Carex bebbii</i> (Bailey) Fern.
Sedge, Clustered	2005	<i>Carex cumulata</i> (Bailey) Mack. ex Fern.
Sedge, Cyperus-like	2005	<i>Carex pseudocyperus</i> L.
Sedge, Drooping Woodland	2009	<i>Carex arctata</i> Boott. ex Hook.
Sedge, Lesser Bladder or Inflated	2005	<i>Carex vesicaria</i> L.
Sedge, Lakeshore	2005	<i>Carex lenticularis</i> Michx.
Sedge, Nodding	2005	<i>Carex gynandra</i> Schwein.
Sedge, Pale	2005	<i>Carex pallescens</i> L.
Sedge, Pointed Broom	2005	<i>Carex scoparia</i> Schkuhr ex Willd.
Sedge, Ribless Woodland	2005	<i>Carex leptoneura</i> (Fern.) Fern.
Sedge, Separated Silvery	2005	<i>Carex canescens</i> L. subsp. <i>disjuncta</i> (Fern.) Toivonen
Sedge, Spreading	2005	<i>Carex projecta</i> Mack.
Sedge, Stalk-grained	2005	<i>Carex stipata</i> Muhl.
Sedge, Stiff	2005	<i>Carex stricta</i> Lam.
Skullcap, Common	2005	<i>Scutellaria galericulata</i> L.
Smartweed, Pale	2008	<i>Persicaria lapathifolia</i> (L.) S.F. Gray
Smartweed, Water (S2)	2008	<i>Persicaria punctata</i> (Ell.) Small
Smartweed: Water-pepper	2008	<i>Persicaria hydropiper</i> (L.) P.M. Opiz
Sow-thistle, Perennial*	2008	<i>Sonchus arvensis</i> L. subsp. <i>uliginosus</i> (Bieb.) Nyman
Speedwell, Marsh	2005	<i>Veronica scutellata</i> L.
Speedwell, Thyme-leaved	2010	<i>Veronica serpyllifolia</i> L.
Spike-rush, Ovoid	2005	<i>Eleocharis ovata</i> (Roth) R. & S.
Spruce, White	2005	<i>Picea glauca</i> (Moench) Voss
Starflower, American	2010	<i>Trientalis borealis</i> Raf.
St. John's-wort, Marsh	2005	<i>Triadenum fraseri</i> (Spach) Gleason
Strawberry, Wild	2005	<i>Fragaria virginiana</i> Dcne.
Swamp-candles	2005	<i>Lysimachia terrestris</i> (L.) BSP.
Sweet Coltsfoot, Arctic	2009	<i>Petasites frigidus</i> (L.) Fries var. <i>palmatus</i> (Ait.) Cronq.
Tansy, Common*	2005	<i>Tanacetum vulgare</i> L.
Thistle, Canada*	2005	<i>Cirsium arvense</i> (L.) Scop.
Tickseed, Plains*	2009	<i>Coreopsis tinctoria</i> Nutt.
Toadflax, Common*	2005	<i>Linaria vulgaris</i> Mill.
Turtlehead	2005	<i>Chelone glabra</i> L.
Vetch, Cow or Tufted*	2005	<i>Vicia cracca</i> L.
Violet, Marsh Blue	2010	<i>Viola cucullata</i> Ait.
Virginia Creeper	2015	<i>Parthenocissus quinquefolia</i> (L.) Planch.
Water-hemlock, Bulblet-bearing	2005	<i>Cicuta bulbifera</i> L.
Water-hemlock, Common	2005	<i>Cicuta maculata</i> L.
Water-horehound, Cut-leaved	2005	<i>Lycopus americanus</i> Muhl.

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Water-mat	2005	<i>Chrysosplenium americanum</i> Schwein
Water-shield	2022	<i>Brasenia schreberi</i> Gmel.
Water-starwort, Vernal	2008	<i>Callitriche palustris</i> L.
Wild-raisin	2005	<i>Viburnum nudum</i> L. var. <i>cassinoides</i> (L.) T.&G.
Willow, Balsam	2005	<i>Salix pyrifolia</i> Anderss.
Willow, Bebb's	2005	<i>Salix bebbiana</i> Sarg.
Willow, Pussy	2005	<i>Salix discolor</i> Muhl.
Willow, Red-tipped	2005	<i>Salix eriocephala</i> Michx.
Willow, Shining	2005	<i>Salix lucida</i> Muhl.
Willow-herb, Narrow-leaved	2008	<i>Epilobium leptophyllum</i> Raf.
Winterberry Holly	2019	<i>Ilex verticillata</i> (L.) Gray
Woodland Arctic-cudweed	2011	<i>Omalotheca sylvatica</i> (L.) Sultz-Bip & F.W. Schultz
Woodrush, Common	2005	<i>Luzula multiflora</i> (Ehrh.) Lejeune
Wool-grass (see Bulrush)		
Yarrow	2005	<i>Achillea millefolium</i> L.